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| **SupplementaryTable 1. Demographics and clinical scales** | | | |
|  | **MCI-AD** | **Poss. MCI-LB** | **Prob. MCI-LB** |
| n | 30 | 17 | 28 |
| Age, mean (SD) | 75.2 (7.1) | 73.5 (8.4) | 74.6 (5.7) |
| Sex, n (%) female | 18 (60) | 9 (53) | 1 (4) |
| NART IQ, median (IQR) | 108 (105.5-117) | 100 (96.5-112.5) | 111 (103-115.8) |
| CIRS-G Total, mean (SD) | 6.2 (3.3) | 7.5 (2.7) | 8.2 (4.6) |
| AChI/memantine prescribed, n (%) | 8 (27) | 5 (29) | 18 (64) |
| Antiparkinsonian prescribed, n (%) | 0 (0) | 0 (0) | 2 (7) |
| Antipsychotic prescribed, n (%) | 0 (0) | 0 (0) | 0 (0) |
| Antidepressant prescribed, n (%) | 5 (17) | 5 (29) | 12 (43) |
| Anxiolytic prescribed, n (%) | 0 (0) | 0 (0) | 2 (7) |
| Informant present, n (%) | 22 (73) | 15 (88) | 27 (96) |
| UPDRS, median (IQR) | 10.5 (3.8-24.0) | 16 (8-23.5) | 21 (12-35.8) |
| NEVHI, median (IQR) | 0 (0-1) | 0.5 (0-5) | 0 (0-4) |
| ESS, median (IQR) | 4 (2-9) | 6 (3-10.5) | 8 (6-12) |
| DCFS, median (IQR) | 7 (5.8-9) | 8 (5-10) | 8 (7-10) |
| CAF, median (IQR) | 0 (0-0) | 0 (0-2) | 3 (0-8) |
| MSQ Q1, n (%) | 0 (0) | 0 (0) | 22 (88) |
| GDS, median (IQR) | 3 (1-5.5) | 3 (1-4.5) | 3 (2-9.8) |
| NPI Total, median (IQR) | 6 (1-14.3) | 3 (1-16) | 15 (5-28) |
| NPI Total Distress, median (IQR) | 2 (0-7) | 3 (0-14) | 8 (2-16) |
| IADL, median (IQR) | 8 (7-8) | 7 (5-8) | 7 (5-8) |
| CDR, median (IQR) | 0.5 (0.5-0.5) | 0.5 (0.5-0.5) | 0.5 (0.5-0.5) |
| Parametric data reported as mean (SD), non-parametric data reported as median (interquartile range).  Poss. MCI-LB Possible MCI with Lewy bodies; Prob. MCI-LB Probable MCI with Lewy bodies  NART National Adult Reading Test; CIRS-G Cumulative Illness Rating Scale for Geriatrics; AChI Acetylcholinesterase inhibitor; UPDRS Unified Parkinson’s Disease Rating Scale (MDS Revision); NEVHI North East Visual Hallucinations Interview; ESS Epworth Sleepiness Scale; DCFS Diagnostic Cognitive Fluctuations Scale; CAF Clinician Assessment of Fluctuation; MSQ Mayo Sleep Questionnaire; GDS Geriatric Depression Scale; NPI Neuropsychiatric Inventory; IADL Instrumental Activities of Daily Living Scale; CDR Clinical Dementia Rating Scale.  Informant based scales MCI-AD n=22, poss. MCI-LB n=15, prob. MCI-LB n=27. MSQ MCI-AD n=14, poss. MCI-LB n=7, prob. MCI-LB n=25. | | | |